



## Water Quality Enhancement Activity—KS-WQL24

### Apply enhanced efficiency fertilizer products

#### Kansas Criteria for National Water Quality Enhancement Activity—KS-WQL24

The following chemicals or compounds are considered enhanced efficiency fertilizer products:

Action	Active Ingredient
Nitrification Inhibitor	2chloro-6 (trichloromethyl) pyridine (Nitrapyrin)
	Terrazole
	Dicyandiamide
	Dicyandiamide + 2-chloro-6 (trichloromethyl) pyridine (Nitrapyrin)
Urease Inhibitor	N-butyl-thiophosphoric triamide
Slow Release	Polymer-coated urea
	Sulfur-coated urea
	Polymer + Sulfur-coated urea
	Urea formaldehyde
	Methylene urea <sup>1</sup>
	Triazone
	Methylene Urea + triazone

<sup>1</sup>Methylene Urea is not commonly used on row crops. It is predominantly used in high-value crops such as vegetables and turf grass management. In some cases, it is also used in cotton production.

Application timing, N source, application method, soil texture, and tillage are all factors that should be evaluated to determine where urease and nitrification inhibitors should be used. Before buying an inhibitor make sure scientific evidence backs up its claim. A producer and/or consultant should be wary of any product that does not have solid scientific data demonstrating that the inhibitor activity matches the advertised benefit.